

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1733	353/69,70,77,76,78,98,99.ccls.	US-PGPUB; USPAT	OR	OFF	2006/05/22 14:29
S2	13396	(projection adj lens) same (mirror or reflect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 15:57
S3	2151	S2 and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 16:35
S4	1154	S3 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:30
S5	80469	(mirror or reflect\$4) and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 16:36
S6	915	S5 and (rear adj project\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 16:36
S7	694	S6 not S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:41
S8	1221	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/22 14:42
S9	15	raskar.inv.	USPAT	OR	OFF	2005/06/22 11:04
S10	13	(rear adj projector) and keystone	US-PGPUB; USPAT	OR	OFF	2005/06/22 11:42
S11	135	(rear adj projector) and distortion	US-PGPUB; USPAT	OR	OFF	2005/06/22 11:43
S12	99	projection same (aspheric\$3 adj mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/22 14:42
S13	1	"6233024".pn.	USPAT	OR	OFF	2005/06/29 16:36

## EAST Search History

S14	35	(rear adj projector) and mirror and (lens same aspheric\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/29 17:06
S15	168	(aspheric\$4 adj lens) same (mirror or reflector) same project\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:42
S16	1	"20040046944"	US-PGPUB; USPAT	OR	OFF	2005/06/30 07:38
S17	228	((image adj process\$4) same luminance) and projector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 08:53
S18	1	((image adj process\$4) same luminance same passbands) and projector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/30 09:47
S20	22	"6457834".pn. or "6626541".pn. or "6631994".pn. or "5394198".pn. or "5422691".pn. or "5465121".pn. "5559905".pn. or "5594676".pn. or "5622418".pn. or "5634704".pn. or "5671993".pn. or "5760875".pn. or "5795046".pn. or "5973848".pn. or "6233024".pn. or "6305805".pn. "6367933".pn. "6416186".pn. or "6461001".pn. or "6520646".pn. "6520647".pn. or "6561649".pn.	USPAT	OR	OFF	2005/06/30 09:51
S21	5	"20010050758".pn. or "20020024636".pn. or "20020051095".pn. or "20020154418".pn. or "20030072077".pn.	US-PGPUB; USPAT	OR	OFF	2005/07/19 07:33
S22	2	"6233024".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:17
S23	2	"20020008853".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:17
S24	1919	353/69,70,77,76,78,98,99.ccls.	US-PGPUB; USPAT	OR	OFF	2006/11/28 11:05

## EAST Search History

S25	167	353/69,70,77,76,78,98,99.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 11:05
S26	15309	(projection adj lens) same (mirror or reflect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:30
S27	2490	S26 and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:30
S28	1368	S27 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:05
S29	1368	S27 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06
S30	1122	S27 not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06
S31	90267	(mirror or reflect\$4) and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 14:41
S32	1094	S31 and (rear adj project\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06
S33	837	S32 not S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06
S34	1318	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/28 11:06
S35	73	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:07

## EAST Search History

S36	125	projection same (aspheric\$3 adj mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/28 11:07
S37	196	(aspheric\$4 adj lens) same (mirror or reflector) same project\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:07
S38	1045	aspherical adj5 mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:07
S39	765153	mirror or reflector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 12:09
S40	27347	S39 and (concave and convex)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 12:09
S41	2432	S40 and aspherical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 12:09
S42	1181	S41 and symmet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S43	1323	S41 and \$4symmet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S44	892	S43 and project\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S45	661	S44 and rotat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08

## EAST Search History

S46	2	"6233024".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 15:36
S47	2077	353/69,70,77,76,78,98,99.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/23 16:30
S48	167	353/69,70,77,76,78,98,99.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 16:30
S49	16542	(projection adj lens) same (mirror or reflect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:05
S50	2704	S49 and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:05
S51	1494	S50 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:05
S52	1494	S50 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06
S53	1494	S50 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:09
S54	1210	S50 not S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:31
S55	96553	(mirror or reflect\$4) and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06
S56	1243	S55 and (rear adj project\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:06

## EAST Search History

S57	1243	S55 and (rear adj project\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:10
S58	956	S57 not S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:31
S59	1403	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/23 16:33
S60	73	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:33
S61	146	projection same (aspheric\$3 adj mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 16:33
S62	213	(aspheric\$4 adj lens) same (mirror or reflector) same project\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:34
S63	1133	aspherical adj5 mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:34
S64	800191	mirror or reflector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S65	29152	S64 and (concave and convex)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S66	2643	S65 and aspherical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S67	1297	S66 and symmet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:11

## EAST Search History

S68	1447	S66 and \$4symmet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S69	1447	S66 and \$4symmet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:14
S70	985	S69 and project\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S71	985	S69 and project\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 11:08
S72	738	S71 and rotat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35
S73	2	"20040032982".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/28 16:04
S74	2175	353/69,70,77,76,78,98,99.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/23 16:37
S75	166	353/69,70,77,76,78,98,99.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 16:37
S76	17462	(projection adj lens) same (mirror or reflect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:31
S77	2866	S76 and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:31
S78	1592	S77 and data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:38

## EAST Search History

S79	1274	S77 not S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:38
S80	101173	(mirror or reflect\$4) and (distortion or keystone)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:31
S81	1334	S80 and (rear adj project\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:31
S82	1023	S81 not S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:38
S83	1444	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	US-PGPUB; USPAT	OR	ON	2007/04/23 16:38
S84	73	359/460,451,449.ccls. or 348/781-784, 806,746,747.ccls.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:38
S85	158	projection same (aspheric\$3 adj mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 16:38
S86	229	(aspheric\$4 adj lens) same (mirror or reflector) same project\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:38
S87	1193	aspherical adj5 mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:39
S88	825700	mirror or reflector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35
S89	30461	S88 and (concave and convex)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35



## EAST Search History

S90	2811	S89 and aspherical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35
S91	1539	S90 and \$4symmet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35
S92	1054	S91 and project\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35
S93	797	S92 and rotat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 16:35
S94	391	project\$4 and (warp or distort) and (mirror with curv\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 12:01
S95	12	"6568814".pn. or "5319744".pn. or "6392821".pn. or "6467910".pn. or "6631994".pn. or "6520646".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 12:05
S96	152710	(electron\$8 or digit\$5) with (warp\$4 or distort\$4 or correct\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 12:06
S97	24224	S96 and project\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 12:07
S98	13808	S97 and (reflect\$4 or mirror)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 12:08

## EAST Search History

S99	1603	S97 and ((reflect\$4 or mirror) same (curve or concave or convex))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 12:09
S10 0	2	"5274406".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 10:14
S10 1	1	(rear adj projector) and (electronic\$5 with distort)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 10:23
S10 2	3	(rear adj projector) and (digit\$7 with distort)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 12:26
S10 3	270	353/70.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/25 13:06
S10 4	2	"6233024".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 10:14
S10 5	39	(rear adj projector) and (distort)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:37
S10 6	12	"6592228".pn. or "7144115".pn. or "20060038962".pn. or "6520647".pn. or "20050024606".pn. or "6367933".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 11:38

## EAST Search History

S10 7	12458	rear adj project\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 14:33
S10 8	4572	S107 and remov\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 14:33
S10 9	1294	353/74-80.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:04
S11 0	2706	"20040032982".pn. or "6795225".pn. or "6898308".pn. or "4003080".pn. or "5883476".pn. or "6516151".pn. or "6568814".pn. or "5319744".pn. or "6392821".pn. or "6467910".pn. or "20010050812".pn. or "5185667".pn. or "5760875".pn. or "6498620".pn. or "6456340".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:15
S11 1	35	"20040032982".pn. or "6795225".pn. or "6898308".pn. or "4003080".pn. or "5883476".pn. or "6516151".pn. or "6568814".pn. or "5319744".pn. or "6392821".pn. or "6467910".pn. or "20010050812".pn. or "5185667".pn. or "5760875".pn. or "6498620".pn. or "6456340".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:07
S11 2	2	"6233024".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:17
S11 3	14	"5414521".pn. or "4571631".pn. or "5355188".pn. or "5379080".pn. or "6233024".pn. or "20020008853".pn. or "20010050758".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 15:20

## EAST Search History

S11 4	2	"6795225".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 16:25
S11 5	4	"6233024".pn. or "5274406".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 17:11
S11 6	2	"20040046944".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 17:20
S11 7	2	"20040141157".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/23 17:20